



Patent
Old Attorney's Docket No. 040070-666
New Attorney's Docket No. 0119-146

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

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|----------------------------------|---|-----------------------------|
| In re Patent Application of |) | Allowed: May 9, 2005 |
| |) | |
| Leif Magnus Andre NILSSON et al. |) | Group Art Unit: 2634 |
| |) | |
| Application No.: 09/580,119 |) | Examiner: ODOM, Curtis B |
| |) | |
| Filed: May 30, 2000 |) | Confirmation No.: 1475 |
| |) | |
| For: FRACTIONAL N PHASE LOCKED |) | |
| LOOP |) | |

FACSIMILE COVER SHEET

Mail Stop Issue Fee
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

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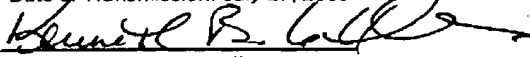
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Credit Card Payment Form (PTO-2038); and
Comments on Statement of Reasons for Allowance.

Total number of Pages (including this page): 6

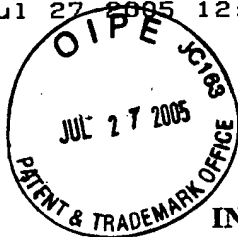
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Kenneth B. Leffler

SENDER INFORMATION

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COMMENTS ON STATEMENT OF REASONS FOR ALLOWANCE

Mail Stop **ISSUE FEE**
 Commissioner for Patents
 P.O. Box 1450
 Alexandria, VA 22313-1450

Sir:

Applicants gratefully acknowledge the allowance of this application. These comments are presented to clarify the record of prosecution.

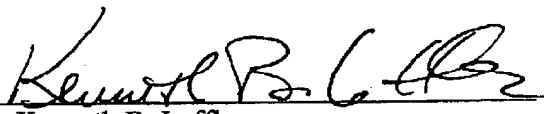
The Examiner's Statements of Reasons for Allowance refers in several places to the "phase detector" having certain features and comprising others. Applicants would like to point out that the various apparatus claims actually each define a "phase-locked loop". In some of these claimed embodiments (e.g., see independent apparatus claim 13), the phase-locked loop includes a phase detector as described by the first four lines of the Examiner's statement (i.e., having inputs of a reference signal and a comparison signal and generating a phase difference signal). However, contrary to the fourth and fifth lines of the Examiner's statement, the phase detector does not comprise the circuit that generates the comparison signal. Rather it is the phase-locked loop that comprises this element.

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Furthermore, Applicants would like to point out that in other claimed embodiments (e.g., see independent apparatus claim 33), the phase detector generates a phase difference signal that represents a phase difference between the reference signal and a signal generated by the phase detector having twice the frequency of the comparison signal.

Respectfully submitted,
Potomac Patent Group PLLC

Date: July 27, 2005

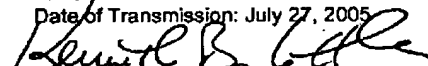
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